

ZARGARYAN, S.S.

Torsion of a circular cylinder having a noncoaxial polyhedral cavity.  
Dokl. AN Arm. SSR 38 no.4:217-224 '64. (MIRA 17 6)

1. Yerevanskiy politekhnicheskiy institut im. K.Marksa.  
Predstavleno chlenom-korrespondentom AN ArmSSR O.M.Sapondzhyanom.

ZARGARYAN, S.S.

Torsion of a shaft weakened by a rectangular noncoaxial cavity.

Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 17 no.6:47-56 '64. (MIRA 18:3)

1. Yerevanskiy politekhnicheskiy institut im. K.Marksa.

ACCESSION NR: AP4038580

S/0022/64/017/002/0055/0063

AUTHOR: Zargaryan, S. S.

TITLE: Torsion of prismatic bars of polygonal cross section with arbitrarily arranged circular cylindrical cavities

SOURCE: AN ArmSSR. Izv. Seriya fiziko-matematicheskikh nauk, v. 17, no. 2, 1964, 55-63

TOPIC TAGS: torsion, shear modulus, prismatic body, conformal mapping, complex variable, Laplace equation, Poisson equation

ABSTRACT: The author considered the problem of torsion of a prismatic bar the cross section of which was bounded by a curvilinear polygon on the outside and by an approximately circular curve on the inside. For the solution of this problem the method of conformal mapping was used. This involved the construction of a function that would transform a ring onto a doubly connected region corresponding to the cross section of the bar. The mapping of the inner region of the polygon into the interior of a unit circle was done by the Schwartz-Christoffel transformation

$$z^* = \omega^*(\zeta_1) = K_1 \int_0^{\zeta_1} (d_1 - t)^{\alpha_1 - 1} (d_2 - t)^{\alpha_2 - 1} \dots (d_n - t)^{\alpha_n - 1} dt + K_2$$

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ACCESSION NR: AP4038580

where  $d_1, \dots, d_n$  are points on the unit circle corresponding to the vertices of the polygon,  $\alpha_1, \dots, \alpha_n$  are the interior angles of the polygon expressed in multiples of  $\pi$ , and  $K_1, K_2$  are general constants. After solving the Poisson equation for the complex potential in the doubly connected region, expressions were derived for the torsional rigidity of the bar. Numerical calculations were made for a sample problem of torsion of a bar the cross section of which was bounded by a square on the outside and an approximately circular curve on the inside. If the side of the square were  $a$ , then the torsional rigidity was calculated to be:  $D = 0.13472 \mu a^4$ ,  $\mu$  being the shear modulus. Orig. art. has: 27 formulas and 1 table.

ASSOCIATION: Yerevanskiy politekhnicheskii institut im. K. Marksa (Yerevan Polytechnic Institute)

SUBMITTED: 05Jul63

ENCL: 00

SUB CODE: MA, ME

NO REF SOV: 005

OTHER: 000

Card 2/2

ZAGASHEV, A.N.

Labels and their manufacture. *Bul. Sib. bot. sada* no. 5:81-82 '58.

(MIRA 12:11)

(Labels)

DMITRIYEVA, A.Ye.; KONHADI, M.N.; ZAGASHOV, Y.I.; DIKKER, G.L., spetared.;  
VASIL'YEVA, G.H., red.; SOKOLOVA, I.Ya., tekhn. red.

[Advanced work methods for operators of the Gherchenko automatic  
packaging machine] Peredovye priemy raboty mashinistki puchechno-  
ukladochnykh avtomatov FUCH. Moskva, Pishchepromizdat, 1957. 25 p.  
(Cigarette industry--Equipment and supplies) (MIRA 11:10)

ZAGASHVILI, S.

Specialized transportation of the Main Administration for  
Industrial Construction in the Oka Area. Avt. transp. 43  
no.1:40-41 Ja '65. (MIRA 18:9)

*ZAGH I N. H.*  
TVOROGOVA; BADAMYAN; KIBENOSOV, M.A.; ZAGATIN, M.F.; REYTMAN, I.M., redaktor;  
PETROVA, Ye.A., redaktor; TROFIMOV, A.V., tekhnicheskiy redaktor

[Catalog of spare parts for petroleum equipment] Katalog zapasnye k  
neftianomu oborudovaniyu. Moskva, Gos.nauchno-tekhn.izd-vo neftia-  
noi i gorno-toplivnoi lit-ry. Pt.2.[Equipment for drilling wells.  
Section 1. Drill winches. No.2. Four-speed drill winch, model LI-4M2]  
Oborudovanie dlia burenia skvazhin. Section 1. Lebelki burovyie.  
No.2. Lebedka chetyrekhkorostnaia LI-4M2. 1955. 33 p. Pt.3. [Equip-  
ment for operating wells. Section 2. Deep well non-insert (pipe)  
pumps. No.4. NGH2-56. Section 3. Deep well insert pumps. No.5. NGH3-  
56 3"-1800 (NGB1-56)] Oborudovanie dlia ekspluatatsii skvazhin.  
Section 2. Nاسوبy glubinnye nevstavye (trubnye). No.4. NGH2-56.  
1955. 15 p. Section 3 Nاسوبy glubinnye vstavye. No.5. NGH3-56 3"-  
1800 (NGV1-56). 1955. 10 p. (MIRA 9:3)

1. Soyuzneftaburmashremont, Gosudarvennyy soyuznyy trest.  
(Oil well pumps) (Petroleum industry--Equipment and supplies)

ZAGATINA, A. D.

24(0); 5(4); 6(2) PHASE I BOOK EXPLOITATION 50V/2215  
Vsesoyuzny nauchno-issledovatel'skiy institut metrologii imeni D.I. Mendeleeva  
Referaty nauchno-issledovatel'skikh rabot; sbornik No. 2 (Scientific Research Abstracts: Collection of Articles, Nr 2) Moscow, Standartgiz, 1958. 139 p. 1,000 copies printed.

Additional Sponsoring Agency: USSR Komitet standartov, mer i ismeritel'nykh priborov.  
Ed.: S. V. Reabetina; Tech. Ed.: M. A. Kondrat'yeva.  
PURPOSE: These reports are intended for scientists, researchers, and engineers engaged in developing standards, measures, and bases for the various industries.

COVERAGE: The volume contains 180 reports on standards of measurements and control. The reports were prepared by scientists of institutes of the Komitet standartov, mer i ismeritel'nykh priborov pri Sovete Ministrov SSSR (Commission on Standards, Measures, and Measuring Instruments under the USSR Council of Ministers). The participating institutes are: VNIIM - Vsesoyuzny nauchno-issledovatel'skiy metrologii imeni D.I. Mendeleeva (All-Union Scientific Research Institute of Metrology imeni D.I. Mendeleeva) in Leningrad; Serdulyova obratnaya of this institute; VNIK - Vsesoyuzny nauchno-issledovatel'skiy institut Komiteta standartov, mer i ismeritel'nykh priborov (All-Union Scientific Research Institute of Standards, Measures, and Measuring Instruments), created from VNIIMP - Moskovskiy gosudarstvennyy institut mer i ismeritel'nykh priborov (Moscow State Institute of Measures and Measuring Instruments) in 1955; VNIITPI - Vsesoyuzny nauchno-issledovatel'skiy institut fiziko-tekhnicheskikh i metrologicheskikh imerovaniy (All-Union Scientific Research Institute of Physicochemical and Radio-engineering Measurements) in Moscow; KHIMKIP - Kharkovskiy gosudarstvennyy institut mer i ismeritel'nykh priborov (Kharkov State Institute of Measures and Measuring Instruments); and MOIMP - Sovetskii gosudarstvennyy institut mer i ismeritel'nykh priborov (Soviet State Institute of Measures and Measuring Instruments). No personalities are mentioned. There are no references.

- Tupitsyn, O.V. (VNIITPI). Studying and Improving Astronomical Zenithium Clocks Made by the "Stalon" Plant 33
- Xapel'nikov, M.D., P.M. Fedichko, and V.M. Dudarchik (KHIMKIP). Studying Astronomical Zenithium Clocks with Tachronous Suspension 35
- Torchigrechko, S.S., A.D. Zagitina, I.A. Solov'yeva, and A.I. Teropin (VNIK). Studying Temperature Coefficients of the Elongation of Invar Rods Produced by the "Stalon" Plant 36
- Alkhasov, S.I. (VNIK) Studying the Pivots of the VNIIM Transit Instrument 36
- Torchigrechko, S.S. (VNIIM). Studying a Model of the Vernier Clock 38
- Stepanov, V.S. (VNIIM) Cylindrical Chronograph for Recording the Running of Clocks 38

Card 8/27

KOROLEVA, A.N.; ZAGATINA, A.D.

Measuring miniature scales. Trudy VNIIM no.37:53-68 '59.  
(MIRA 17:4)

(Calibration--Testing)

ZAGATINA, A.D.; SOLOV'YEVA, L.A.; TOVCHIGRECHKO, S.S.; TOROPIN, S.I.

Investigating temperature coefficients of the linear expansion  
of pendulum rods made of Invar at the "Etalon" Plant. Trudy  
VNIIM no.37:69-73 '59. (MIRA 13:4)  
(Clockmaking and watchmaking) (Thermal stresses)

ZAGATSKAYA, A.A.

"Functional and Morphological Changes in the Brain Resulting From the Action of Ionizing Radiation," by K. A. Kyandaryan, S. A. Papoyan, A. G. Beglaryan, A. A. Zagatskaya, and R. K. Arutyunyan, Scientific Research Institute of Roentgenology and Oncology, Ministry of Health Armenian SSR, Doklady Akademii Nauk SSSR, Vol. 112, No 2, 11 Jan 57, pp 249-252

Data are presented on parallel clinical and experimental investigations of the functional and morphological changes in the brain resulting from the action of ionizing radiation.

In the clinical phase of the work observations were made of the general reaction and electroencephalographic changes observed during radiation therapy of patients with neoplasms of the head.

In the experimental part of the work in addition to the above observations, made in this case on rabbits, a histological study of the nervous system, especially of the brain, was made.

54M.1345

In the phase of initial increase in electrical activity of the cortex and subcortex under the influence of the primary action of ionizing radiation, there appears widespread damage to the nervous system with disturbed metabolism in all organs and systems. The phase of depressed cortical activity, occurring several hours after irradiation and lasting several days, is the result of the increasing pathologic process in the nervous system and in the entire organism of the irradiated animal.

From several days to a week after irradiation a phase of relative normalization of the bioelectric potentials of the cerebral cortex with stimulatory or inhibitory processes predominating in some cases takes place.

If the irradiated animal survives, the electroencephalogram gradually becomes normal. In case of death, it is preceded by a phase of terminal depression of cortical activity. (U)

54M.1345

BABETSKIY, G.I. (Novosibirsk); PEZHANOVA, M.M. (Novosibirsk); VOLOSHIN, Yu.M.  
(Novosibirsk); YERSHOV, A.P. (Novosibirsk); ZAGATSKIY, B.A.  
(Novosibirsk); ZMIYEVSKAYA, L.L. (Novosibirsk); KOZHEVNIKOV, G. I.  
(Novosibirsk); KOZHEVNIKINA, S.K., (Novosibirsk); MISHKOVICH, R.D.  
(Novosibirsk); MIKHALEVICH, Yu.I. (Novosibirsk); POTTOSIN, I.V.  
(Novosibirsk); TROKHAN, L.K. (Novosibirsk)

The ALPHA system of automatic programming. Zhur. vych. mat. i mat.  
fiz. 5 no.2:317-325 Mr-Apr '65. (MIRA 18:5)

ZAGARSKIKH, M.G.

Treatment of suppurative highmoritis. Zdravookhranenie 4, no.6:23-25  
N.D. '61. (MIRA 15:2)

1. Iz bol'nitsy Lechebno-sanitarnogo upravleniya (nachal'nik -  
dotsent M.G.Zagarskikh) Ministerstva zdravookhraneniya Moldavskoy  
SSR.

(ANTRUM\_DISEASES)



AUTHOR: Zagavura, F.Ya. SOV-21-58-8-10/27

TITLE: Turning Metal with Electrical Contact Heating by Direct Current  
(Obtachivaniye metalla s elektrokontaktnym podogrevom postoyannym tokom)

PERIODICAL: Dopovidi Akademii nauk Ukrain's'koi RSR, 1958, Nr 8, pp 841-844 (USSR)

ABSTRACT: When metal is turned with electrical contact heating by alternate current, a peculiar net appears on the worked surface. Investigation of such surfaces has shown that their micro-smoothness of glossy and dull strips is different, and therefore the existence of these nets is undesirable. In order to study the effect of the nature of the current on the appearance of nets, the author carried out investigations on a turning-screw-cutting machine tool of the IA62 type in the "Chervonny Proletar" Plant. It was shown that on turning metal with electrical contact heating by direct current from a generator, a net does not appear on the worked surface. There is 1 circuit diagram, 1 diagram, 2 photos, 1 table and 2 Soviet references.

Card 1/2

SOV-21-58-8-10/27

Turning Metal with Electrical Contact Heating by Direct Current

ASSOCIATION: Institut stroitel'noy mekhaniki AN UkrSSR (Institute of Construction Mechanics of the AS UkrSSR)

PRESENTED: By Member of the AS UkrSSR, F.P. Belyankin

SUBMITTED: March 28, 1958

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

1. Metals--Machining 2. Heat--Applications 3. Alternating current  
--Applications

Card 2/2

AUTHOR: Zagavura, F.Ya. SOV/21-53-11-12/28

TITLE: The Physical State of the Surface Layer Depending on the Initial Temperature of the Turned Metal and Electrical Heating (Fizicheskoye sostoyaniye poverkhnostnogo sloya v zavisimosti ot nachal'noy temperatury obtachivayemogo metalla i elektropodogreva)

PERIODICAL: Dopovidi Akademii nauk Ukrain's'koi RSR, 1958, Nr 11, pp 1204-1207 (USSR)

ABSTRACT: The general dependences of wear resistance on the mechanical characteristics of metals have not as yet been established. B.D. Grozin [Ref 1] expressed in 1940, a presumption that the friction coefficient, surface wear and other properties of metals depend only on the state of the active layer. Therefore the study of changes in the state of active layers of a metal surface after turning, was of interest and was undertaken by the author on steel samples. He investigated the physical state of the metal surface after turning in three variants: cooled to a temperature of  $-195^{\circ}\text{C}$ , at a normal temperature of  $+20^{\circ}\text{C}$ , and at a normal temperature with electrical contact heating by direct current. He studied also the effect of various cutting speeds on the microhardness and found that the optimum speed

Card 1/2

SOV/21-58-11-12/26

The Physical State of the Surface Layer Depending on the Initial Temperature of the Turned Metal and Electrical Heating

was equal to 76 m per min. The relations obtained are presented in graphic form.

There are: 1 microphoto, 2 graphs and 4 Soviet references.

ASSOCIATION: Institut stroitel'noy mekhaniki AN UkrSSR (Institute of Construction Mechanics of the AS UkrSSR)

PRESENTED: By Member of the AS UkrSSR, F.P. Belyankin

SUBMITTED: May 23, 1958

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

Card 2/2

18(2)

207/21-59-2-12/26

AUTHOR: Zagavura, F.Ya. (Zahavura, F.Ya.)

TITLE: Turning of Hardened Steels Cooled to  $-195^{\circ}$ , at Room Temperature and at Room Temperature With Electric contact Heating (Tocheniye zakalennoy stali pri okhlazhdenii, pri normal'noy temperature i pri normal'noy temperature i elektrokontaktnom podogrevanii)

PERIODICAL: Dopovidi Akademii nauk Ukrain's'koi RSR, 1959, Nr 2, pp 161-165 (USSR)

ABSTRACT: The author experimented in machining hardened steel at various temperatures, and established, that by means of cooling or heating the machined metal, combined with changing the turning speed, it is possible to some extent to control the physical changes in the surface layer of the metal. Experiments were made by a method described in reference 2. Specimens of steel "45" were hardened at temperatures from  $840^{\circ}\text{C}$  and were tempered at  $200^{\circ}\text{C}$ . All specimens were machined by NBEK cutters. The turning

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SOV/21-59-2-12/26

Turning of Hardened Steels Cooled to  $-195^{\circ}$ , at Room Temperature and at Room Temperature With Electric Contact Heating

was performed on this steel cooled down to  $-195^{\circ}\text{C}$ , at  $20^{\circ}\text{C}$ , and at room temperature with electrocontact heating with a 250 amp direct current. It was found, that the rate of microroughness increases at turning cooled metal and decreases at turning with electro-heating, as compared with the rate of microroughness at working the metal at normal (room) temperature, that the hardening of steel as a result of working depends on the initial temperature, electric heating and speed of cutting. There are 2 microphotographs, 2 graphs and 5 Soviet references.

ASSOCIATION: Institut stroitel'noy mekhaniki AN UkrSSR (Institute of Construction Mechanics of the AS UkrSSR)

PRESENTED: By F.A. [unclear], Member of the AS UkrSSR

SUBMITTED: October 27, 1958

Card 2/2

SOV/21-59-5-7/25

18(7)

AUTHOR: Zagavura, F.Ya.

TITLE: Wear-Resistance of Metal Turned at Different Initial Temperatures

PERIODICAL: Dopovidi Akademii nauk Ukrain's'koi RSR, 1959, Nr 5, pp 485-488 (USSR)

ABSTRACT: This article is an account of the author's study of the subject matter, acquired by turning steel "45" (tempered at 650°C) in initial temperatures of -195°C; +20°C; +20°C and electrocontact heating by a.c. and d.c. Physico-mechanical properties of steel after treatment are described in other works (Ref. 1 and Ref. 2). Gray cast iron bushings contained 2.47% C, 2.35% Si, 0.20% Mn, 0.17% S, 0.06% P, with a hardness  $H_{10/300/30} = 248$ , were applied to steel as shown in Fig. 1. The testing machine was designed by the author and constructed by the IBM of the AS UkrSSR. Steel was turned at a speed 76 m/min at

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SOV/21-59-5-7/25

## Wear-Resistance of Metal Turned at Different Initial Temperatures

$N_1 = N_3 = 21 \text{ kg/cm}^2$  and  $N_2 = 25 \text{ kg/cm}^2$ , and speed of slide 2 m/sec. Spindle oil "2" mixed with kerosene 1:1, used as lubricant, was fed in at a speed of  $125 \text{ cm}^3/\text{min}$ . The experiments showed that the surface layer of steel treated in initial temperature  $-195^\circ\text{C}$  had the lowest hardness and the highest degree of micro-roughness. The opposite was the case with steel treated in normal initial temperature and electrocontact heating with d.c. The maximum moment of friction ( $33 \text{ kg/cm}$ ) showed steel treated in normal initial temperature and heated with d.c. The lowest moment of friction ( $28 \text{ kg/cm}$ ) was shown by steel treated in normal initial temperature. The firmness of steel measured after the turning at a depth of 6 mm from the surface was as follows: steel treated in initial temperature of  $-195^\circ\text{C}$  -  $281 \text{ kg/mm}^2$ ; in  $+20^\circ\text{C}$  -  $313 \text{ kg/mm}^2$ ; in  $+20^\circ\text{C}$  and heating with d.c. -  $394 \text{ kg/mm}^2$ . The author's experiments have confirmed the definition made by B.D. Grozin in 1940:

Card 2/3

SOV/21-59-5-7/25

Wear-Resistance of Metal Turned at Different Initial Temperatures

"The friction coefficient, mutual wear of surfaces and other values of antifriction and wear-resistance of metal depend exclusively on the condition of the surface layer, since it is only that layer that actively participates in the friction process". There is 1 graph, 1 diagram, 1 sketch and 4 Soviet references.

ASSOCIATION: Institut stroitel'noy mekhaniki AN UkrSSR (Institute of Construction Mechanics of the AS UkrSSR)

PRESENTED: By F.P. Belyankin, Member of the AS UkrSSR

SUBMITTED: January 21, 1959

Card 3/3

ZAGAVURA, F. Ya., Cand Tech Sci -- (diss) "Effect of heat conditions in machining on the wear of steel." Kiev, 1960. 9 pp; (Academy of Sciences Ukrainian SSR, Inst of Construction Mechanics); 110 copies; price not given; (KL, 17-60, 154)

ZAGAVURA, F.Ya.

Machine for testing friction pairs for wear under conditions of nonuniform loading. Zav.lab. 26 no.6:765-766 '60. (MIRA 13:7)

1. Institut stroitel'noy mekhaniki Akademii nauk USSR. (Testing machines)

ACCESSION NR: AP4037444

S/0021/64/000/005/0603/0606

AUTHOR: Zagavura, F. Ya.

TITLE: Determination of the wear-resistance of materials by observing the loss of a working substance through the gaps between two rubbing surfaces

SOURCE: AN UkrRSR. Dopovidi, no. 5, 1964, 603-606

TOPIC TAGS: wear-resistance, wear-resistance testing, rubbing friction, material testing, lubricants, friction control

ABSTRACT: A new method is proposed for estimating the wear resistance of two materials in dynamic contact by observing the loss of a working substance through the gaps between the rubbing surfaces. The advantages of this new method are: It can be used without the need to shut off the testing machine and separate the rubbing surfaces; it is very sensitive; it permits simple and accurate control of the conditions entering into friction; it is basically a simple measurement, requiring simple apparatus. Three block diagrams are included, illustrating the original and improved versions. Basically, the scheme consists of accurately

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ACCESSION NR: AP4037444

measuring a controlled flow of the working substance as it is channeled to the contact area of the rubbing surface. The working substance may be air, gases, lubricating oils and fluids. Orig. art. has 3 figures.

ASSOCIATION: none

SUBMITTED: 23Nov63

DATE ACQ: 03Jun64

ENCL: 00

SUB CODE: AS

NO REF SOV: 002

OTHER: 001

Card 2/2

ZAGAYETSKAYA, A.F.

SOV/137-58-8-18129

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr.8, p.274 (USSR)

AUTHOR: Zagayetskaya, A. F.

TITLE: Rapid Determination of Phosphorus in Cast Iron and Steel on the FEK-M Colorimeter (Uskorennoye opredeleniye fosfora v chyunakh i stalyakh na fotokolorimetre FEK-M)

PERIODICAL: V sb.: Mashinostroitel' Belorussii. Nr 4. Minsk, 1957, pp 145-147

ABSTRACT: A 1-g test sample of steel is dissolved in 30 cc HNO<sub>3</sub> (1:1), 3 cc of 4% solution of KMnO<sub>4</sub> is then added, and the precipitated MnO<sub>2</sub> is reduced with a 10% solution of Na<sub>2</sub>SO<sub>3</sub>. The solution is boiled for 2 - 3 min, cooled, and transferred into a 100-cc flask. A 10-cc aliquot is taken, the excess of acid is neutralized with NH<sub>4</sub>OH to the appearance of Fe hydroxide which is dissolved with 4N H<sub>2</sub>SO<sub>4</sub>. 2 cc of a 10% hydroxylamine sulfate solution are added, and the mixture is heated to the appearance of fine bubbles, cooled, 5 cc of 4N solution of H<sub>2</sub>SO<sub>4</sub> are added, and after 1 min 4 cc of 5% solution of ammonium molybdate. The solution is transferred into a 50-cc flask, diluted with water to the mark, and analyzed colorimetrically in a 20-cc

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SOV/137-58-8-18129

Rapid Determination of Phosphorus in Cast Iron (cont.)

cell with a red light filter. For cast iron, a 0.5-g test sample is dissolved in 10 cc of a solution of ferrous-ammonium alum and 30 cc of  $\text{HNO}_3$  (1:1) and so on as described above.

K. K.

1. Cast iron—Colorimetric analysis
2. Steel—Colorimetric analysis
3. Phosphorus—Determination

Card 2/2

ZAGAYEVSKIY, I., prof.

Effect of feeding conditions and the housing of livestock before  
slaughtering on the glycolysis and meat preservation. *Mias.ind.*  
SSSR 32 no.2,33-34 '61. (MIRA 14:7)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.  
(Meat—Preservation) (Glycolysis)

ZAGAYEVSKIY, I., prof.

Sanitary and hygienic measures in the primary processing of  
animals. Mias.ind.SSSR 30 no.6:28-29 '59. (MIRA 13:4)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.  
(Slaughtering and slaughterhouses)

ZAGAYEVSKIY, I.S.

12

The bacterial contamination of eggs. I. S. Zagayevskiy and P. O. Ljutkova. *Voprosy Pishinya* 6, No. 3, 84-8 (in French 88) (1937).—Contrary to reports of other investigators, the freshly laid eggs of healthy hens are normally sterile. Only in cases of localized ovarian infection by tuberculosis, etc., are the eggs infected. Eggs of the first, 2d and 3rd sets with shells intact, if kept in a dry condition, show no bacterial contamination. Exogenous contamination of the eggs occurs only after standing 3-8 months in a humid atm. at 10-30°. Winter eggs are more resistant to the penetration of microbes than summer eggs.

S. A. Karjala

COMMON ELEMENTS

MATERIALS INDEX

ASS. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

FROM DIVISION

SEARCHED AND INDEXED

ABSTRACTED

FROM DIVISION

LA AV CO IS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

LA AV CO IS

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

ZAGAYEVSKIY, I.S.

Some factors facilitating the infestation of eggs by Salmonella and other microorganisms. Vop.pit. 18 no.4:62-66 J1-Ag '59.

(MIRA 12:10)

1. Iz kafedry veterinarno-sanitarnoy ekspertizy (zav. - prof. I.S.Zagayevskiy) Belotserkovskogo sel'skokhozyaystvennogo instituta.

(EGGS, microbiology,  
Salmonella (Rus))

(SALMONELLA,  
in eggs (Rus))

ZAGAYEVSKIY, I.S.

"Treatment of Epizootic Lymphangitis by Garlic"

SO: B-18840,-1950,2 Aug.1950,

SO: Veterinariya, Vol 25, No 12, 1948.

ZAGAYEVSKIY, I.S.

Sanitary evaluation of eggs of aquatic birds infected with Salmonella.  
Gig. sanit., Moskva no.7:34-38 July 1952. (CIMI, 23:2)

1. Of the Department of Veterinary Sanitary Certification, 'Belaya Tserkov'  
Agricultural Institute.

ZAGAYEVSKIY, I.S.

Significance of sanitary-hygienic measures in decrease of infestation  
in preparation of egg products. Gig. sanit., Moskva no.8:47-49 Aug  
1952. (GLML 23:2)

1. Of Belaya Tserkov' Agricultural institute.

ZAGAYEVSKIY, I. S., DOCENT - *Cand. Vet. Sci.*

Food adulteration and inspection

Problem of expert veterinary inspection of duck eggs. *Veterinariia* 29, No. 10, 1952.

*Belotserkov Agricultural Inst.*

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

ZAG<sup>Y</sup>EVSKIY, I.S.:

How to prevent diseases of agricultural animals and fowl. Kiev, Agricultural Publishing House, Ukrainian S.S.R., 1953, 64 pages with illustrations; price 90 kopeks; 30,000 copies. In Ukrainian.

SO: TABCON Veterinariya; Vol. <sup>31</sup>~~20~~; No. 2; February 19<sup>54</sup>~~53~~ Unclassified

ZAGAYEVSKIY, I. S.

Concerning the Veterinary-Sanitary Inspection of the Meat of Ducks Contaminated with Salmonella Breslau, I. S. Zagayevskiy, Belotserkov Agricultural Institute, Sig 1 Ser, No. 1, p. 42, Jan 1953

Discusses food poisoning caused by consumption of duck's meat infected with Salmonella Breslau. Assumes that salmonellae may travel from the duck's intestines through the walls of the gall bladder to the bird's muscles. Advocates a thorough veterinary inspection of the fowl after killing and disemboweling, with a bacteriological analysis of internal organs in cases of doubt as to the presence of pathogenic bacteria. The author also suggest coating the killed fowl in order to lengthen the time of preservation. The material for coating is prepared by mixing 90 parts of pulverized casein with 10 parts of soda. Fifteen parts of this mixture are suspended in 35 parts of warm (35°C) water, then disemboweled ducks are dipped in this solution and they keep for 4-6 days without spoiling. 256/TH3

ZAGAYEVSKIY, I.S., prof.

"Manual on veterinary and hygienic inspection of products from  
slaughtered animals and on the hygiene of meat production". Edited  
by I.V. Shur. Reviewed by I.S. Zagaevskii. Veterinariia 36 no.12:  
71-75 D '59. (MIRA 13:3)  
(Meat inspection) (Shur, I.V.)

1. ZAGAYEVSKIY, I.S.
2. USSR (600)
4. Ducks - Diseases
7. Role of overheating in paratyphoid infection of ducklings and in the development of hypo-vitaminosis in them, Ptitsevodstvo no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

Zagayevskiy, I. S.

USSR/Medicine, Veterinary - Paratyphoid in Fowl

"Prevention of Paratyphoid in Fowl," Prof I. S. Zagayevskiy, Dr Vet Sci, Belotserkov  
Agricultural Inst

Veterinariya, Vol 30, No 6, pp 26-29, 1953

Immunity produced in ducklings, goslings, and turkey poults either by a formol or alum  
immune paratyphoid serum, prepared from cultures of Salmonella breislau, soon disappears  
if proper hygienic and sanitary measures are not maintained. A single vaccination is not  
effective enough and the birds rapidly lose immunity to paratyphoid if they are not  
properly fed. Alum vaccine is superior to formol vaccine.

265 T 41

USSR/Medicine - Nutrition Zagayevskiy, I.S.

FD-3293

Card 1/1 Pub. 141 - 8/19

Author : Zagayevskiy, I. S.

Title : Certain factors effecting the contamination of water fowl carcasses and methods for preventing it

Periodical : Vop. pit., 31-34, Jul/Aug 1955

Abstract : Geese and ducks are carriers of *Salm. typhi murium*. These bacteria were found to be localized in the liver, gall bladder, and ovary follicles. If the birds are not properly fed during the 24 hours preceding slaughter, and if the carcass is not disemboweled, the above bacteria tend to migrate from the above organs to the muscles. Three tables; no references.

Institution : Chair of Veterinary-Sanitary Consultation (Head - Prof. I. S. Zagayevskiy)  
Belotserkovsk Agricultural Inst

Submitted :

SAGAYEVSKIY, I.S.

Slaughter cattle and pigs as carriers of Salmonella and the factors favoring bacterial contamination of meat. Vop.pit. 15 no.2:55-56 (MLR 9:7)  
Mr-Apr '56.

1. Iz kafedry veterinarno-sanitarnoy ekspertizy Belotserkovskogo sel'skokhozyaystvennogo instituta.  
(SALMONELLA) (MEAT--BACTERIOLOGY)

ZAGAYEVSKIY, I., professor.

Draining the blood from cattle carcasses and ways to improve it.  
Mins. ind. SSSR 27 no.1:26-27 '56. (MIRA 9:6)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.  
(Slaughtering and slaughterhouses)

ZAJAYEVSKIY, I.S., professor.

Factors contributing to the contamination of eggs by microflora and  
methods for chlorination before incubation. Veterinariia 33 no.2:  
58-63 F '56. (MLRA 9:5)

1. Belotserskovskiy sel'skokhozyaystvennyy institut.  
(EGGS--PRESERVATION) (INCUBATION)

ZAGAYEVSKIY, I.

USSR/chemical Technology - Chemical Products and Their  
Application. Food Industry.

I-13

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2998

Author : Zagayevskiy, I.

Inst :

Title : New Preservatives for Sausage Casings.

Orig Pub : Myasnaya industriya SSSR, 1957, No 4, 25

Abstract : It is proposed to use allyl mustard oil (I) and laevomyces-  
tin (II) as preservatives for sausage casings. On addi-  
tion to NaCl of 0.05% of I, or of the corresponding amount  
of mustard powder, the pickled casings show, after storage  
at 18-25° for 1.5 months, a decrease in microflora, by  
10-15 times, as compared with control samples pickled with  
only NaCl. Treatment of fresh casings by immersion for 30  
minutes in a solution of II, containing 10 mg II per 1 li-  
ter of water, decreases the amount of microflora, present  
therein, by 20-30 thousand times, in comparison with the

Card 1/2

USSR/Chemical Technology - Chemical Products and Their  
Application. Food Industry.

X-13

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2998

initial amount. A solution of II is a good agent for  
decontamination of casings infected with red rot.

Card 2/2

ZAGAYEVSKIY, I.S., professor.

Disinfecting eggs before incubating. Veterinariia 34 no.):67-72 Nr  
'57. (IIRA 10:4)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.  
(Eggs--Preservation) (Incubation)

ZAGAYEVSKIY, I.S.

Salmonella carrying by domestic fowl and meat disinfection. Vop.  
pit. 19 no. 6:81-82 N-D '60. (MIRA 13:10)

1. Iz kafedry veterinarno-sanitarnoy ekspertizy (zav. - prof.  
I.S. Zagayevskiy) Belotserkovskogo sel'skokhozyaystvennogo  
instituta.

(MEAT BACTERIOLOGY) (SALMONELLA)

ZAGAYEVSKIY, I.S., prof.

Sanitary and hygienic measures in rural slaughter centers and district abattoirs. Gig. i san. 25 no. 6:94-96 Ja '60.

(MIRA 14:2)

1. Iz kafedry veterinarno-sanitarnoy ekspertizy Belotserkovskogo sel'skokhozyaystvennogo instituta.

(SLAUGHTERING AND SLAUGHTER HOUSES—HYGIENIC ASPECTS)

BEL'KOV, N.F., prof.; KONDYURIN, N.G., prof.; ZAGAYEVSKIY, I.S., prof.;  
POLYAKOV, A.A., prof.; TRZHETSETSKAYA, T.A., kand. veter. nauk;  
SMIRNOV, A.M., aspirant

Reviews and bibliography. Veterinariia 42 no.12:96-99 D '65.  
(MIRA 19:1)

ZAGAYEVSKIY, I.S., prof.

Veterinary hygienic evaluation of milk from cows with mastitis.  
Veterinariia 41 no.7:91-93 J1 '64. (MIRA 18:11)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.

ZAGAYEVSKIY, I.S., prof.

Veterinary sanitary examination and disinfection of eggs.  
Veterinariya 36 no.2:78-82 F '61.

(MIRA 18:1)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.

ZAGAYEVSKIY, I.S., prof.; MERKUSHEV, A.V., prof.; IL'IN, M.M., assistant  
TRUSOV, S.I., prof.; KOROPOV, V.M., prof.

Reviews and bibliography. Veterinariia 39 no.5:85-88 My '62  
(MIRA 18:1)

AKHMEDOV, A.M., prof., doktor veter. nauk; GONCHAROV, G.D., doktor  
biol. nauk; DURASOV, V.I.; ZAGAYEVSKIY, I.S., prof., doktor  
veter. nauk; KUEHARKOVA, L.L.; BARMASH, A.I., kand. tekhn.  
nauk; POZHARISKAYA, L.S., kand. tekhn. nauk; LAPTEV, F.P.;  
LIBERMAN, S.M., kand. tekhn. nauk; PETROVSKIY, V.P., inzh.;  
MIRONOV, A.N., prof., doktor veter. nauk; MALYSHEV, K.B.,  
kand. veter. nauk; NIKITIN, B.P., inzh.; POLYAKOV, A.A.,  
prof., doktor veter. nauk; RUSAKOV, V.N.; TARSHIS, M.G., kand.  
veter. nauk; SHUR, I.V., prof., doktor veter. nauk; YARNYKH,  
A.M., red.

[Manual on veterinary and sanitary expertise and hygiene in  
the processing of animal products] Rukovodstvo po veterinarno-  
sanitarnoi ekspertize i gigiene pererabotki zhiivotnykh pro-  
duktov. Izd. 2., ispr. i dop. Moskva, Kolos, 1965. 426 p.  
(MIRA 18:6)

ZAGAYEVSKIY, I.S.

Sources of Salmonella contamination of beef. Vop. pit. 23 no.1:  
77-80 Ja-F '64. (MIRA 17:8)

1. Iz kafedry veterinarno-sanitarnoy ekspertizy (zav. - prof.  
I.S. Zagayevskiy) Sel'skokhozyaystvennogo instituta, Belaya  
Tserkov'.

ZAGAYEVSKIY, I.S., prof.

Role of hygiene and sanitary measures in the production of high-quality milk. Veterinariia 40 no.9:60-62 S '63. (MIRA 17:1)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.

ZAGAYEVSKIY, I.S., prof.

Epizootiologic role of Salmonella carriers in the paratyphoid fever  
of animals. Veterinariia 39 no.9:15-20 S '62. (MIRA 16:10)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.

ZAGAYEVSKIY, I.S., prof.

Hygiene of milk production on farms exposed to paratyphoid fever. Veterinariia 40 no.3:58-62 Mr '63. (MIRA 17:1)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.

ZAGAYEVSKIY, Iosif Stanislavovich [Zahaiivs'kyi, I.S.], doktor  
veter. nauk; SHEVCHENKO, L.O., red.; CHEREVATSKIY, S.A.  
[Cherevats'kyi, S.A.], tekhn. red.

[Paratyphoid in fowl] Paratyf ptytsi. Kyiv, Derzhsil'-  
hozvydav URSR, 1963. 78 p. (MIRA 17:1)

SYURIN, V.N., prof.; ZAGAYEVSKIY, I.S., prof.; TSION, R.A., doktor veterin.nauk;  
KALUGIN, V.I., kand.veterin.nauk; ZAYTSEV, N.V., kand.veterin.nauk;  
BORISOV, Ye.M., kand.veterin.nauk

Book reviews and bibliography. Veterinariia 40 no.7:79-86 J1  
'63. (MIRA 16:8)

(Veterinary medicine)

ZAGAYEVSKIY, I.S., prof.

Factors contributing to microbial dissemination in meat carcasses.  
Veterinariia 37 no.1:65-68 Ja '60. (MIRA 16:6)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.  
(Slaughtering and slaughterhouses--Hygienic aspects)

ZAGAYEVSKIY, I.S.

Sources of Salmonella milk contamination on cattle farms. Vop.pit  
21 no.4:86-87 J1-Ag '62. (MIRA 15:12)

1. Iz kafedry veterinarno-sanitarnoy ekspertizy (sav. - prof.  
I.S.Zagayevskiy) Sel'skokhozyaystvennogo instituta, Belaya  
T'Serkov'.

(MILK MICROBIOLOGY) (SALMONELLA)

ZAGAEVSKIY, I. S. (Professor, Belotserkov' Agricultural Institute).

"About the epizootiological role of the Salmonella carrier condition in paratyphoid cases of animals"

Veterinariya, vol. 39, no. 9, September 62, p. 15

ZAGAYEVSKIY, I. S. (Professor); MERKUSHEV, A. V. (Professor) and IL'IN, M. M.  
(Assistant) About the book

Laboratory and Practical Studies in Veterinary-Sanitary Examination"  
(A review of the book written by G. V. Kolobototskii, M. Sel'khozgiz,  
1960)

Veterinariya, vol. 39, no. 5, May 1962 p. 85

ZAGAYEVSKIY, I.S.

Decontamination of pork infested with Salmonella. Vop. plit. 20  
no.5:62-66 S-0 '61. (MIRA 14:10)

1. Iz kafedry veterinarno-sanitarnoy ekspertizy (zav. - prof.  
I.S.Zagayevskiy) Belotserkovskogo sel'skokhozyaystvennogo instituta.  
(SALMONELLA) (PORK-MICROBIOLOGY)

ZAGNEVSKIY, I. S., (Professor).

"About G. V. Zhukov's Book "Paratyphoid in Offspring [Of Cattle]"

\*M., Sel'khozgiz, 1960.

Veterinariya vol. 38., no. 11., November 1961., p. 89

ZAGAEVSKIY I. S. (Professor, Belotserkov Agricultural Institute)

"Concerning the carriage of Salmonella by poultry and  
veterinary sanitary examination of carcasses."

Veterinariya, Vol. 38, No. 12, December 1961, P. 31.

ZAGAYEVSKIY, I. S. (Professor, Belaya Taerkov' Agricultural Institute).

"About the veterinary-sanitary expertise [inspection] of eggs".

Veterinariya, Vol. 38, No. 2, 1961, p. 78.

ZAGAYEVSKIY, I. S. - *Prog.*

"About factors, stimulating the microbe formation in meat carcasses."

Veterinariya, Vol. 37, No. 1, 1960, p. 65

*Belotserkovsk agric. Inst.*

GUBIN, N.I.; ZAGAYEVSKIY, Yu.I.; KAZAKOV, L.M.; LEVKON, A.I.; LEVCHENKO, A.I.;  
MAL'CHENKO, E.Ya.; KAZAKOV, L.M.; POTAPENKO, G.D.

Overall mechanization and automation of mines in the Tula-ugol'  
Combine. Ugol' 40 no.2:1-5 F '65. (MIRA 18:4)

1. Shakhta No.38 (tresta Novomoskovskugol' for Gubin). 2. Trest  
Krasnoarmeyskugol' (for Zagayevskiy). 3. Kombinat Tulaugol' (for  
Kazakov). 4. Shakhta No.2 "Bibikovskaya" tresta Uzlovskugol' (for Levkov).  
5. Shakhta No.13 tresta Shechkinugol' (for Levchenko). 6. Shakhta No.2  
"Zubovskaya" tresta Krasnoarmeyskugol' (for Mal'chenko). 7. Trest Novo-  
moskovskugol' (for Potapenko).

ZABAYKAE, O.V.

Problem of surgical ascariasis, Khirurgia no.3:82-83 Nr 54. (MLBA 7:5)

1. Iz khirurgicheskogo otdelenia Parovskoy dorozhnoy bol'nitsy  
Moskovsko-Ryazanskoy sheleznoy dorogi (nach. otdeleniya i bol'ni-  
tsy G.M. Prikhod'ko). (ASCARIASIS, surgery)

ZAGAYKEVICH, D.N.; LUKASHEVICH, A.A., redaktor; MINYAYEVA, I.A.,  
redaktor KOSTOROVICH, A.I., tekhnicheskiy redaktor

[Ship theory] Teoriya korablia. Pod red. A.A.Lukashevicha.

[Leningrad] Gos. izd-vo sudostroitel'noi lit-ry, 1953. 299 p.

(Naval architecture)

(MLBA 7:8)

KIRDAN, I.L.; RIMMER, A.I., inzhener, retsenzent; ZAGAYEVICH, D.N.,  
nauchnyy redaktor; PETERSON, M.M., tekhnicheskiy redaktor

[Rigging in shipbuilding] Takelazhnye raboty v sudostroenii.  
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit.  
lit-ry, 1954. 207 p. (MLRA 7:10)  
(Shipbuilding) (Masts and rigging)

ZAGAYKEVICH, D.N.; GORYAMSKIY, Yu.V., redaktor; LEVOCHKINA, L.I., tekhnicheskii redaktor

[General data on ship design] Obshchee ustroistvo sufn. Leningrad,  
Gos. soluznos izd-vo sudostroit. promyshl., 1956. 197 p. (MLBA 10:4)  
(Naval architecture)

RUDNEV, D. F.; ZAGAYKEVICH, I. K.

Pine - Diseases and Pests

Toxic belt method for combatting pine moths. *Izv. khoz.* 5 no. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September <sup>1952</sup> ~~1953~~, Unclassified.

ZAGAYKIVICH, I. K.

"Insects Pests of the Forests of the Western Oblasts of the Ukrainian SSR and Measures to Control Them." Cand Biol Sci, Inst of Zoology, Acad Sci Ukrainian SSR, Kiev, 1954 (RZhBiol, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13) SO: Sum. 598, 29 Jul 55

ZADAYKEVICH, I.K.

Division of the western regions of the Ukrainian S.S.R. into districts  
showing the occurrence of injurious forest insects. Nauch.trudy Inst.  
ont. i fit. 6:47-70 '55. (MIRA 9:7)  
(Ukraine--Forest insects)

LCZINSKIY, V.A.; ZAGAYKOVICH, I.K.

Prominent moth larvae, a widespread pest oak in the Ukraine.  
Nauch.trudy Inst.ent.i fit. 6:71-79 '55. (MLRA 9:7)  
(Ukraine--Moths) (Oak--Disease and pests)

AGALETSKIY, S.M.; ZAGAYKEVICH, I.K.

Combating the pine moth larva and the pine bark flat bog by means of  
toxic bands of DDT solution. Nauch.trudy Inst.ent. i fit. 6:92-100  
'55. (Pine--Diseases and pests)(DDT (Insecticide)) (MIRA 9:7)

ZAGAYKEVICH, I. K.

2.

USSR/General and Specialized Zoology - Insects.

Abs Jour : Ref Zhur - Biol., No 8, 1958, 35321

Author : Zagaykevich, I.K., Yefimov, G.A.

Inst :

Title : Elateroides Dermestoides as a Beach Pest in the Carpathian Mountains.

Orig Pub : Len. k-vo, 1956, No 11, 44-46.

Abstract : Elateroides dermestoides is a mass technical pest of the beech, birch and fir trees. It inhabits the alder, oak, elm, ash, chestnut, maple, asp, poplar, pine, fir and larch trees. The emergence of the beetles in various forestries in different years lasted from April 17 to June 29. The females picked out for egg-laying "chick trees lying on the ground or weakened-in the lower parts-standing trees, stumps and root lugs. Curved larvae passages penetrated horizontally into the wood or around the trunk. The larvae cleared the bore meal from the

Card 1/2

- 25 -

ZAGAYKOVICH, I.K.

P

USSR/General and Special Zoology, Insects

Abs Jour : Raf Zhur - Biol., No 6, 1958, No 25824

Author : Zagaykovich I.K.

Inet : Not Given

Title : The Posts of Fir Trees in the Carpathian Mountains. (Vrediteli pikhty v Karpatekh.)

Orig Pub : Nauchn. zapiski Uzhgorodsk, un-t, 1956, 21, 177-183

Abstract : Forty three species of posts were found on the white fir tree. The population of the tree according to the height of the trunk and crown, the physiological condition of the tree, the diameter of the stem and branches and the thickness of the bark was determined. The mushroom Melampsorella conostii, which was helpful in the distribution of secondary posts, was widely prevalent. The brooding places of the posts were of short duration; they occupied small areas under conditions of a milder relief. The most numerous posts were: the red-headed conifer roller Semanice rufimifera, which ruined young fir trees and arrested the growth of the old pine trees, also

Card : 1/2

USSR/General and Systematic Zoology. Insects. Systematics P  
and Faunistics.

Abs Jour : Ref Zhur - Biol., No 3, 1959, No 11532

Author : Zagaykevich I.K.

Inst : Zoological Museum, AS UkSSR.

Title : Data on the Study of the Bark Beetles' Fauna in  
Western Regions of the Ukraine.

Orig Pub : Sb. prats' Zool. museyu. AN URSR, 1957, No 28,  
100-102

Abstract : Concerning 16 species of bark beetles, 2 species  
of which are new to the fauna of USSR and 4 new  
to the fauna of UkSSR.

Card : 1/1

- 10 -

USSR / General and Special Zoology. Insects. Insect and Mite Pests. P

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54423.

Author : Zagaykevich, I. K.; Yefimov, G. O.

Inst : AS ~~UKR~~SSR.

Title : The Cerambycid *Dilus fugax* Oliv., a Leguminous Shrub Pest.

Orig Pub: Zb. prats' Zool. muzeyu. AN URSR, 1957, No 28, 103-104.

Abstract: No abstract.

Card 1/1

51

ZAGAYKEVICH, I. K.

GRIMAL'SKIY, V.I., kandidat biologicheskikh nauk; ZAGAYKEVICH, I.K.,  
kandidat biologicheskikh nauk (Kiyev)

Trees damaged by bears in the Carpathians, Priroda 46 no.3:115-116  
Kr '57. (MLRA 10:3)

(Carpathian Mountains--Bears)  
(Trees--Wounds and injuries)

ZAGAYKEVICH, I.K.

Little-known forest pests in the U.S.S.R. [with summary in English].  
Zool. zhur. 36 no.6:874-877 Je '57. (MLR/ 10:8)

1. laboratoriya lesnoy entomologii Instituta entomologii i fitopatologii AN USSR.

(Forest insects)

Concerning insects discovered in the Ukraine and not listed in the "Vrediteli Lesa" (Forest Pests) handbook of the Academy of Sciences USSR (1955):  
*Apterona crenulella*, *Synanthedon spuleri*, *Arichanna melanaria*, *Megastigmus spermotrophus*, *Melasis buprestoides*, *Agrilus integerrimus*, *Oligomerus brunneus*, *Xylita buprestoides*, *X. livida*, *Calopus serraticornis*, *Clytus lama*, *Acanthocinus reticulatus*, *Apion holosericeum*, *Otiorrhynchus repletus*, *Sitona griseus*.

ZAGAYKEVICH, Ivan Kornilovich [Zahaikovych, I.K.]; RUDNEV, D.F. [Rudnev, D.F.], doktor biolog.nauk, otv.red.; SENCHENKO, O.S., red.; YURCHISHIN, V.I. [Yurchyshyn, V.I.], tekhn.red.

[Insects injurious to trees and shrubs in the western provinces of the Ukraine] Komakhy - shkidnyky derovnykh i chaharnykovykh porid zakhidnykh oblasei Ukrainy. Kyiv, Vyd-vo Akad.nauk URSR, 1958. 129 p. (MIRA 12:6)

(Ukraine, Western--Insects, Injurious and beneficial.)

ZAGAIKEVICH, I.K. [Zahaikevych, I.K.]

Rare and little-known longicorn beetles (Coleoptera, Cerambycidae)  
in the Ukrainian S.S.R. Nauk. zap. Nauk-pryrođ. muz. AN URSS 3:96-  
103 '60. (MIRA 13:11)

(Ukrains--Longicorn beetles)

ZAGAYKEVICH, I.K. [Zahailkevych, I.K.]

Materials on horny beetles (Coleoptera, Cerambycidae) of the  
Ukraine. Nauk. zap. Nauk.-pryrod. muz. AN URSS 9:52-60  
'61. (MIRA 15:?)

(Ukraine Beetles)

ZAGAYKEVICH, I.K.

Studying the buprestid beetles of the genus *Agrilus* Curt. in the  
Ukraine. Vop. ekol. 7:60-61 '62. (MIRA 16:5)

1. Nauchno-~~g~~rirodovedcheskiy muzey AN UkrSSR, Livov.  
(Ukraine--Borers (Insects))

ZAGAYKEVICH, I.K. [Zahaikevych, I.K.]

Study on the distribution and biology of metallic wood-  
boring beetles of the genus Agrilus Curt. in the Ukrainian  
S.S.R. Nauk. zap. Nauk.-pryrod. muz. AN URSR 10:101-111  
'62. (MIRA 16:3)

ZAGAYKEVICH, I.K. [Zahatkevych, I.K.]

Characteristics of the fecundity of some species of longicorn  
beetles (Coleoptera, Cerambycidae) of the Ukraine. Pratsi Inst.  
zool. AN URSR 20:208-211 '64. (MIRA 18:4)

ZAGAYKEVICH, N.K., kand. sel'skokhoz. nauk; IL'KUN, G.M., kand. biolog. nauk;  
POGREBNIYAK, P.S., akademik; RUDNEV, D.F., prof., doktor biolog. nauk;  
FLOROVSKIY, A.M., kand. sel'skokhoz. nauk [deceased]; BREDYKHIN, A.M.,  
red.; TRUKHINA, O.N., tekhn. red.

[New methods for the afforestation of rolling sands] Novye sposoby ob-  
lasenia bugristykh peskov. By N.K.Zagaikevich i dr. Moskva, Gos.  
izd-vo sel'khoz. lit-ry, 1961. 216 p. (MIRA 14:8)

1. AN Ukrainskoy SSR (for Pogrebnyak)  
(Afforestation) (Sandy soils)

CHUCHALIN, I.F. (s. Novyy Tor"yal Mariyskoy ASSR; FISUN, N.I. (g. Zaporozh'ye);  
ZAGAYNOV, A.S.; PERKAL'SKIS, B.Sh. (Tomsk); BAGINSKIY, A.P.  
(Krasnodar)

Suggestions and advice. Fiz. v shkole 23 no.4:71 J1-Ag '63.  
(MIRA 1':1)

1. Mokrousovskaya shkola Kurganskoy oblasti (for Zagaynov).

D'YACHKOV, P.N.; ZAGAYNOV, G.G.; ZAYKOV, O.N.; FISHEL', B.T.

Concrete lining of teapot-type steel pouring ladles. Ogneupory  
28 no.8:361-364 '63. (MIRA 16:9)

1. Vostochnyy institut ogneuporov, (for D'yachkov, Zagaynov).
2. Altayskiy traktorny zavod (for Zaykov, Fishel').

ZAGAYNOV, G.I., vrach; ANOKHINA, G.M., vrach

Unilateral spasm of accommodation following a trauma of the  
right eye. Oft. zhur. 18 no.149 '63 (MIRA 17:4)

1. Iz glaznogo kabineta Spasskoy polikliniki, Primorskiy kray.

ZAGAYNOV, I.V.

Method for controlling the expenditure of knit fabrics in  
cutting. Tekst. prom. 23 no.9:65-67 S '63. (MIRA 16:10)

1. Starshiy inzh. tekhnicheskogo otdela Ivanteyevskoy trikotazhnoy  
fabriki imeni Dzerzhinskogo.  
(Garment cutting) (Knit goods)